INDEX, 1963

[Jan., pp. 1–24; Apr., pp. 25–50; July, pp. 51–85; Oct., pp. 87–111]

Page

Adams, John L.
  Wind Measurement with Hydrogen-Filled Balloons 69
Agricultural Conservation Practice Program 54
Air movements, fires, research 69
Aircraft (see also Tankers)
  helicopters 18, 34, 36, 63–65
  multiple tank 33
  N3N 32, 35
  TBM 32
Airstrip 34
Altobellis, Anthony T. and Cooper, Robert W.
  Moisture Content of Gallberry and Palmetto during a Dry Period... 10
Alverson, George F. and Broadhead, A. H.
  Cabinet for Lookout Tower Cab 38
Anemohygrographs 42, 43
Arcadia Equipment Development Center
  A New Ground Chemical Tanker-Mixer for Forest Firefighting..... 17
Australia (see Fire behavior, studies)
Balloons, wind measurement 69
Banks, Wayne G.
  A Table for Checking the Reasonableness of Entries on
    Fire Report Forms 76
Base, mobile 32
Belt, Arthur A.
  Light Air Tanker Use in North Carolina 32
Bliss, E. S.
  Children-Caused Fires are Increasing 84
Bower, R. W.
  Management Designs for Conflagration Control, Duckwall
    Test Unit 51
Broadhead, A.H. and Alverson, George F.
  Cabinet for Lookout Tower Cab 38
Bruce, David
  How Many Fires? 45
Buildup index 24, 33
Burgtorf, Carl E.
  Helitack Study Project on Cumberland National Forest 63
Burning
  experimental 87
  index 24, 33
  prescribed 15, 16, 66
Cabinet, lookout tower 38
Cargo carrier, skid-pan 39
Chandler, Craig C. and Countryman, Clive M.
  The Fire Behavior Team Approach in Fire Control 56
Chemicals 19
Clothing, fire-resistant 94
  policy 94
Communications equipment 27
Conflagration control, management 51
  evaluation 54
Control burning (see Burning)
Convection research 12
Cooper, Robert W. and Altobellis, Anthony T.
  Moisture Content of Gallberry and Palmetto during a Dry Period... 10

Page

Countryman, Clive M. and Chandler, Craig C.
The Fire Behavior Team Approach in Fire Control 56
Desk, field 97
Dew gage, recording 42
Dieterich, J. H.
Litter Fuels in Red Pine Plantations 103
Distributions 45, 46
Division of Fire Control
The Interregional Suppression Crew 93
Double-theodolite 13
Drop 32
speed 35
Drought factor 88
Drought index, soils 14
Duckwall Test Unit 51
"Dustdevil" 23
Fatigue, measurement of 81
Fire
blowup 20
education 5
environment 12
exercises 25, 27
experimental 87, 89, 90
forest, research 11
frequencies 47, 48, 49
frequency expected, compute 49
headquarters 31
inspection and policing 5
management (see Management)
model, experimental 12
Morris 1
problem, smoker 5
rate of spread 77, 78, 88, 90
records 45, 46
retardants 14
Sierra 2
Fire behavior
fire use 15
research 12–14
tables 87, 92
team 56
studies, Australia 87
Fire causes, traffic-associated 5
Fire control 14, 32, 40, 51
cooperation 53, 56
crews (see Fire suppression)
heliport 36
integrated management 51
evaluation 54
planning 45
simulator 25
team approach 56
Fire danger 13, 33
Australia 87
California 51, 57
fuels 89
index 88, 89
meadow 66
measurements, application 14
meters 45

Page

Fire danger (continued)
rating 87, 92
station 24
system 45
ratings 24, 46, 48
tables, Australia 87
Fire disasters, study of 56
Fire hazard (see Fire danger)
Fire protection, volunteer 87
Fire reports, discrepancies in 76
Fire suppression 36, 64, 95
interregional crew 93
organization 56
smokejumping 93
Fire weather 13
information, use of 56
seminar 61
Fire-whirlwind 12, 20
Firebreaks, secondary 7
Firebug (see Incendiarism)
"Firedevil" 23
Firefighting (see Fire suppression)
Fireline 29
Fireproofing 5
Fires
man-caused (also see Incendiarism) 5, 6, 7, 14, 45
number of 45
occurrence 6
Forest services, Australia 92
Fuel, ground, treatment 51
evaluation 54
Fuel moisture, assessment 87
Fuelbreak, effect of 55
Fuels
forest, research 12
forest floor, research 103
meadow 66
moisture content 10, 24
surface, weight 91
Fulk, Thomas A. and Tyrrel, Robert
Prescribed Burning for Hazard Reduction on the Chippewa National Forest 66
Grass conditions and acres burned 8
"Green belt" zones 7
Ground crews 32
Ground support 33, 34
Handtools (see Tool)
Hazard reduction (see also Burning, prescribed) 93
Australia 91
roadside 6, 7
Hazards, firefighting (see Safety)
Heat shield 73
Helicopter (see Aircraft)
Heliport, fire control 36
Helitack, study 63
Henderson, Venoel J.
Hose-Folding Machine 40
Henle, Melvin B.
Fire Control Heliport 36
Holtby, Bert E. and O'Neal, Nolan C.
The Fire Control Simulator 25

Page

Hose-folding machine 40
Incendiarism 1
  juvenile 84
    prevention 85
Instrumentation, fire behavior research 14
Johansen, Ragnar W.
  Protecting the Tractor-Fireplow Operator from Radiant Heat 73
Johnson, Lacy
  Emergency Relay Tank 19
  Handle Breakage Prevention 101
Johnson, Richard F.
  The Roadside Fire Problem 5
Lewis, Anselmo
  Five-Year Investigation Ends in Capture of Mt. Baldy Firebug 1
Lloyd, Merle G.
  Recording Dew Gage 42
Lookout tower 38
Luke, R. H. and McArthur, A. G.
  Fire Behaviour Studies in Austrialia 87
McArthur, A. G. and Luke, R. H.
  Fire Behaviour Studies in Australia 87
McNasser, K. W.
  Forest Fire Research 11
Management (also see Fire control) 25
Missoula Equipment Development Center
  Firefighters' Work Shirt 94
  Improved Field Desk 97
  Measuring Human Effort and Fatigue 81
  Plastic Tent Fly 102
  Skid-Pan Cargo Carrier for Crawler Tractors 39
Mixing tank 35
Models, topographic 25
Moisture content, green fuels 10
Monitoring stations, winds aloft 13
Morris Fire 1
Mt. Baldy firebug 1
Multiple use 52
National Fire Control Coordination Center 93
O'Neal, Nolan C. and Holtby, Bert E.
  The Fire Control Simulator 25
Operation Cochise 3
Pilot balloon 13
Pirsko, Arthur R.
  More Grass—Less Fire Damage 8
Powell, Gordon
  A Fire-Whirlwind in Alabama 20
Projection system 26
Pumpers, portable 40
Relay tank, emergency 19
Retardant 33, 95
Retardants 14
Roadside
  fire problem 5, 7
  strips 18
  zone 5, 6
Rodger, E. E.
  Handy Rivet Puncher 74
Safety
  heat 73
  work shirt, firefighters' 94
Sandcaster 95
Show, S. B., fire study 5

Page
Sierra Fire 2
Simulator, fire control 25
Single-theodolite 13
Skid pan 39
Smoke 20–23
Smokey Bear program 5
Snyder, Charles F.
  Connecticut Fire Weather Seminar 61
Soils 52
Such, Steven
  Michigan Sand Caster—Model III 95
Suppression (see Fire suppression)
Tanker-mixer, chemical, ground 17
Tankers
  air 14, 17, 32, 34, 35
  ground service units 33
  tractor-trailer 33
Tent fly 102
Tool
  handle, breakage 101
  rivet cutting 74
  storage rack 99
Tractors 39
Trailer 27, 33
Training 25, 30, 32, 33
Tyrrel, Robert and Fulk, Thomas A.
  Prescribed Burning for Hazard Reduction on the Chippewa National Forest 66
Weather (see also Fire weather)
  forecasts 92
  kits, field 92
Wind measurement, methods 69
Wind profiles 13